



<223> Kex2 cleavage site

<400> 217

Glu Ala Glu Ala Glu Phe

1 5

<210> 218

<211> 387

<212> DNA

<213> Dermatophagoides pteronyssinus

<220>

<221> CDS

<222> (1) .. (387)

<220>

<221> mutation

<222> (16) .. (18)

<220>

<221> mutation

<222> (43) .. (45)

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<221> mutation

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<221> mutation

<222> (184) .. (186)

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<221> mutation

<222> (220) .. (222)

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<221> mutation

<222> (244) .. (246)

<400> 218

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Asp	Gln	Val	Asp	Val	Ala	Asp	Cys	Ala	Asn	His	Glu	Ile	Lys	Glu	Val	
1				5				10						15		

ttg	gta	cca	gga	tgt	cat	ggg	tca	gaa	cca	tgt	atc	att	aac	cgt	ggg	96
Leu	Val	Pro	Gly	Cys	His	Gly	Ser	Glu	Pro	Cys	Ile	Ile	Asn	Arg	Gly	
		20					25						30			

aaa	cca	ttc	caa	ttg	gaa	gcc	gtt	ttc	gaa	gcc	aac	caa	aac	aca	aaa	144
Lys	Pro	Phe	Gln	Leu	Glu	Ala	Val	Phe	Glu	Ala	Asn	Gln	Asn	Thr	Lys	
		35					40					45				

acc gct aaa att gaa atc aaa gcc tca atc gat ggt tta tca gtt gat 192
 Thr Ala Lys Ile Glu Ile Lys Ala Ser Ile Asp Gly Leu Ser Val Asp
 50 55 60

gtt ccc ggt atc gat cca aat gca tgc aat tac atg aaa tgc cca ttg 240
 Val Pro Gly Ile Asp Pro Asn Ala Cys Asn Tyr Met Lys Cys Pro Leu
 65 70 75 80

gtt aat gga caa caa tat gat att aaa tat aca tgg aat gtt ccg aaa 288
 Val Asn Gly Gln Gln Tyr Asp Ile Lys Tyr Thr Trp Asn Val Pro Lys
 85 90 95

att gca cca aaa tct gaa aat gtt gtc gtc act gtt aaa gtt atg ggt 336
 Ile Ala Pro Lys Ser Glu Asn Val Val Val Thr Val Lys Val Met Gly
 100 105 110

gat gat ggt gtt ttg gcc tgt gct att gca act cat gct aaa atc cgc 384
 Asp Asp Gly Val Leu Ala Cys Ala Ile Ala Thr His Ala Lys Ile Arg
 115 120 125

gat 387
 Asp

<210> 219
 <211> 129
 <212> PRT
 <213> Dermatophagoides pteronyssinus

<400> 219

Asp Gln Val Asp Val Ala Asp Cys Ala Asn His Glu Ile Lys Glu Val
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Leu Val Pro Gly Cys His Gly Ser Glu Pro Cys Ile Ile Asn Arg Gly
 20 25 30

Lys Pro Phe Gln Leu Glu Ala Val Phe Glu Ala Asn Gln Asn Thr Lys
 35 40 45

Thr Ala Lys Ile Glu Ile Lys Ala Ser Ile Asp Gly Leu Ser Val Asp
 50 55 60

Val Pro Gly Ile Asp Pro Asn Ala Cys Asn Tyr Met Lys Cys Pro Leu
 65 70 75 80

Val Asn Gly Gln Gln Tyr Asp Ile Lys Tyr Thr Trp Asn Val Pro Lys
 85 90 95

Ile Ala Pro Lys Ser Glu Asn Val Val Val Thr Val Lys Val Met Gly
100 105 110

Asp Asp Gly Val Leu Ala Cys Ala Ile Ala Thr His Ala Lys Ile Arg
115 120 125

Asp